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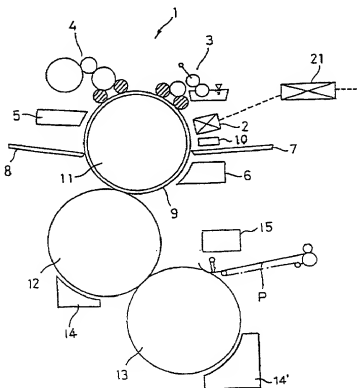
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(54) Title: LITHOGRAPHIC METHOD AND LITHOGRAPHIC DEVICE, PLATE MAKING METHOD AND PLATE MAKING DEVICE, AND INK JET PRINTING METHOD AND PRINTING DEVICE

(54) 発明の名称: 平版印刷方法及び平版印刷装置、製版方法及び製版装置、並びにインクジェット印刷方法及び印刷装置



(57) Abstract: An on-press writing lithographic method comprising the steps of mounting a plate material on a plate cylinder of a printing press, forming a direct image on the surface of the plate material by an ink-jet-method writing for jetting out onto the plate material an oil-based ink from a recording head having a plurality of jetting channels based on the signals of image data and by using an electrostatic field to prepare a press plate, and continuously effecting a lithographic printing using the press plate as it is, characterized in that the image is formed on the plate material by a recording head having jetting channel intervals of at least 170 μm [up to 150 dpi (150-dot-per-inch intervals) in terms of the resolution of the written image]; and a device therefor.

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Abstract

An on-press recording type lithographic printing method comprising mounting a plate material on a plate cylinder of a press, ejecting an oil-based ink onto the plate material from a recording head having a plurality of ejection channels utilizing an electrostatic field according to signals of image data to directly form an image on the surface of the plate material and prepare a printing plate, and then effecting the lithographic printing using the printing plate as it is, wherein the distance of the ejection channels is 170 μm or more {150 dpi (150 dots per inch) or less as calculated in terms of resolution of recorded image}.